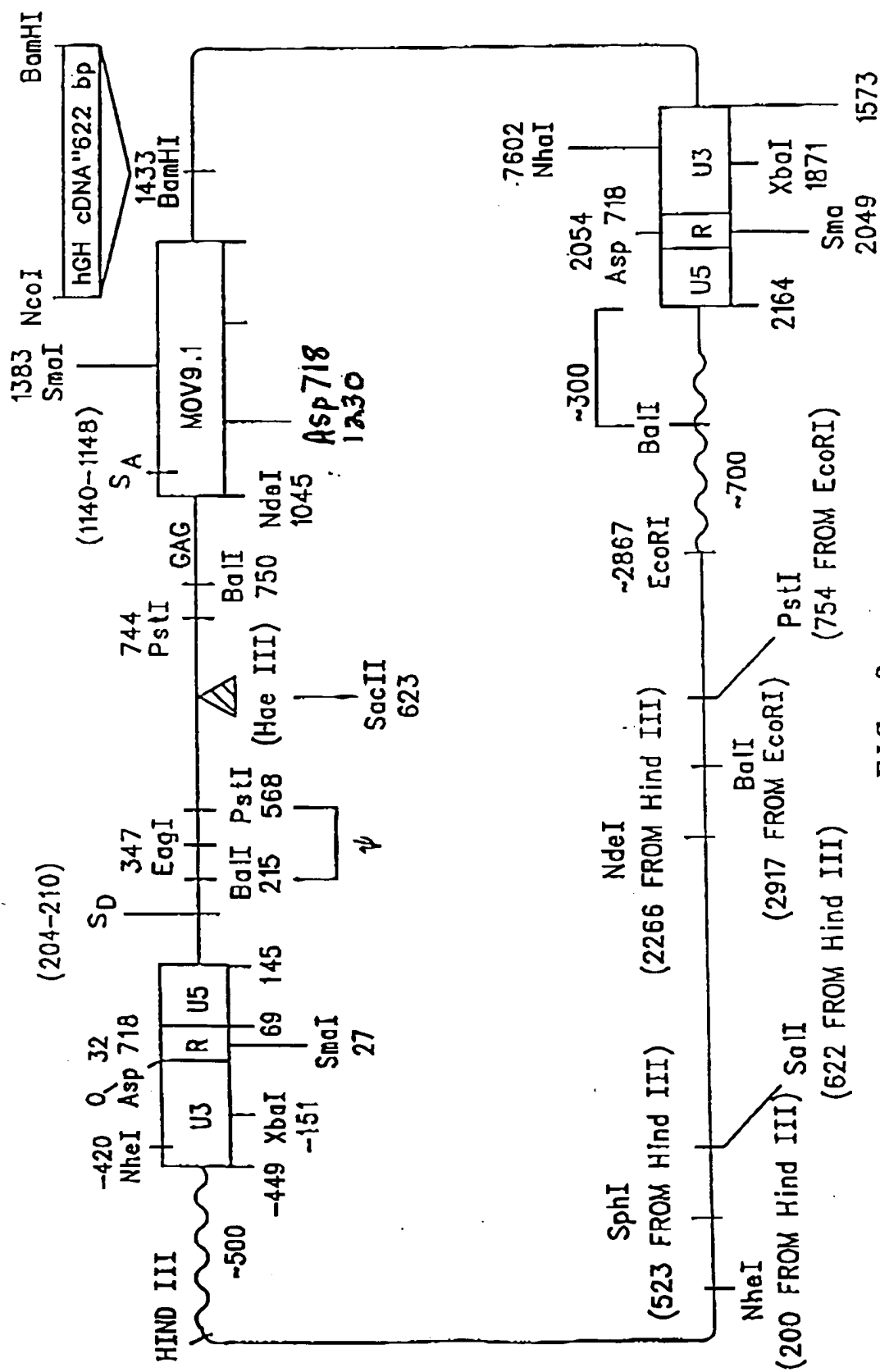
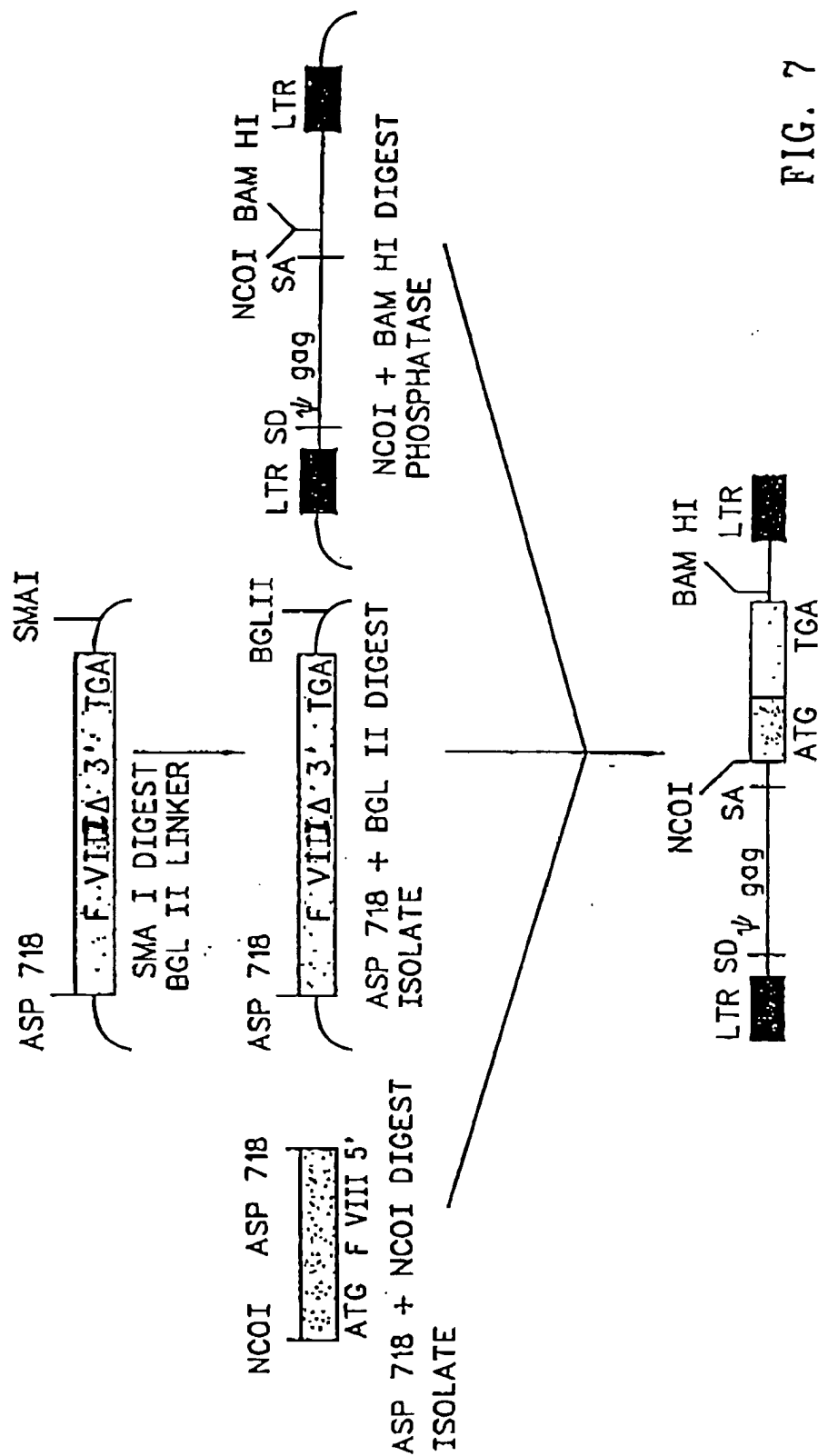


FIG. 1





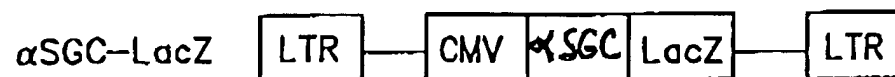


FIG. 8

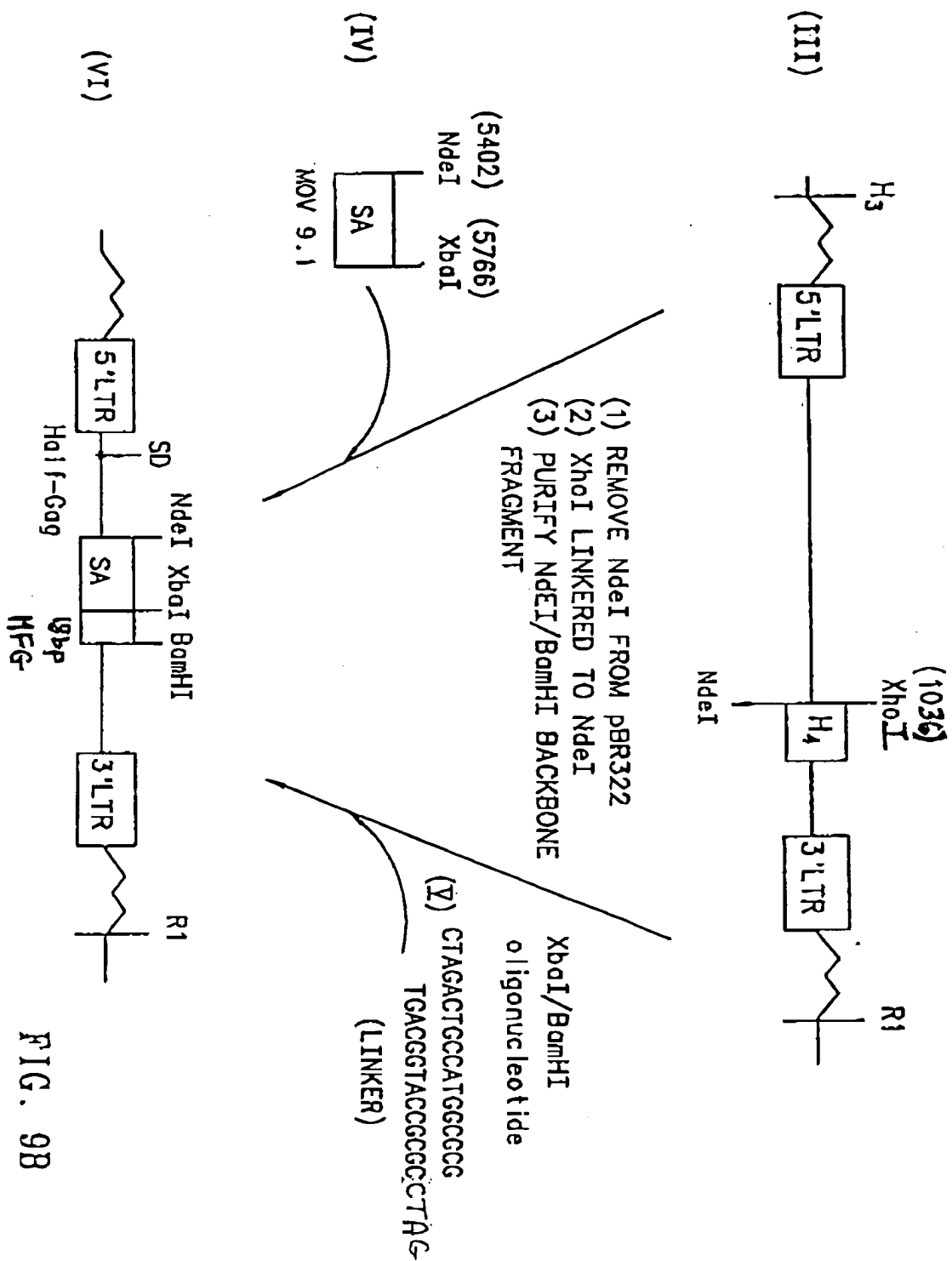


FIG. 9B

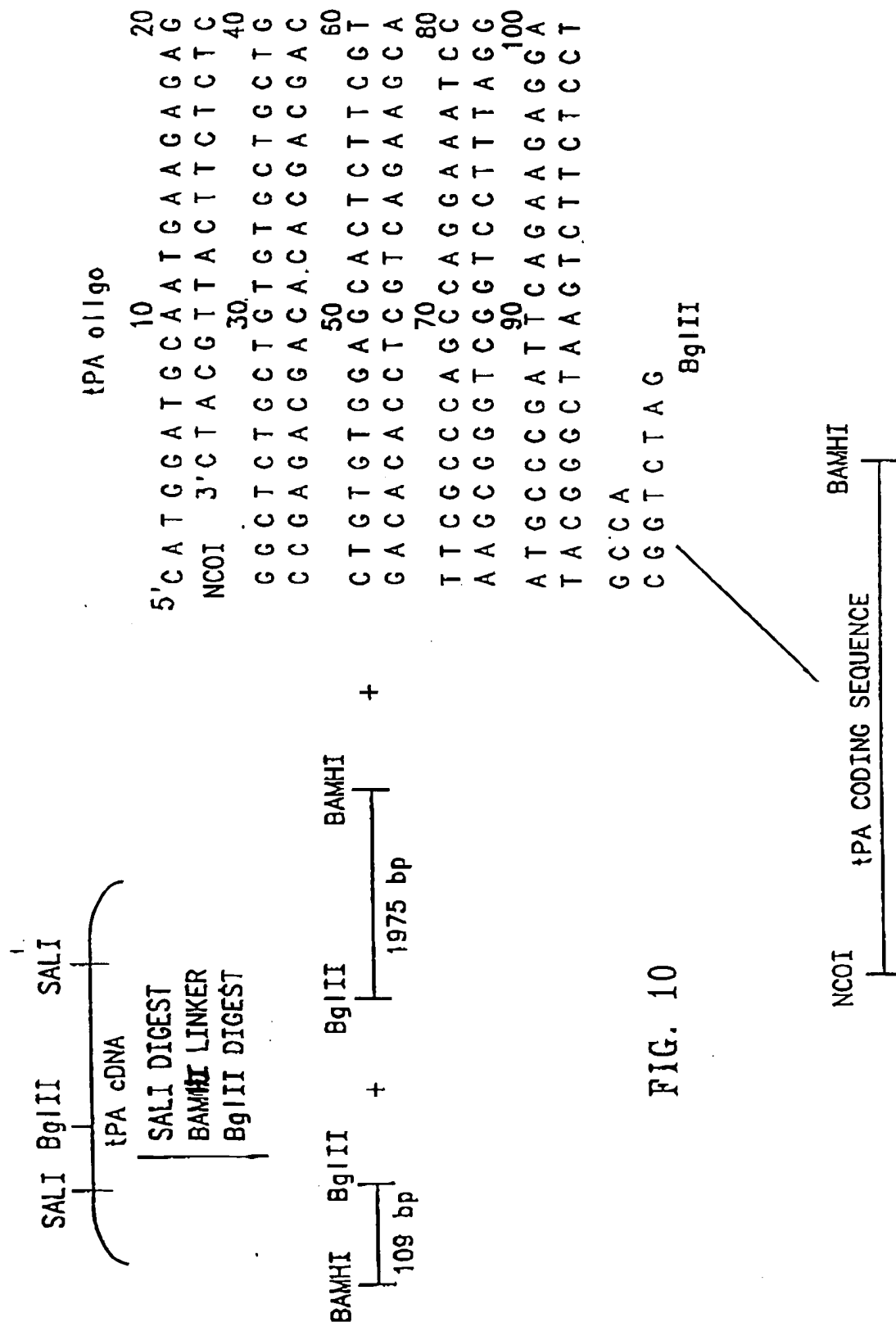


FIG. 10

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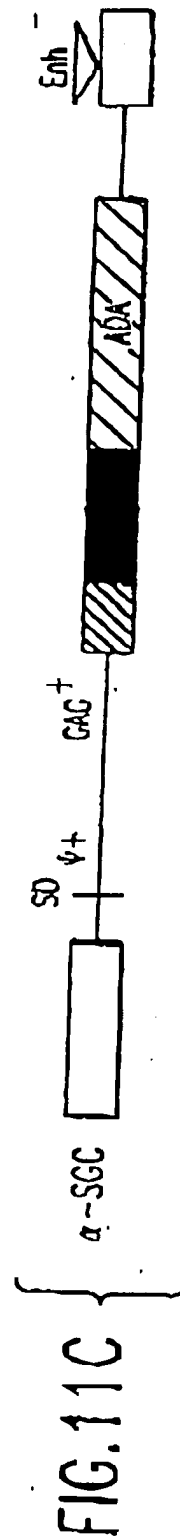
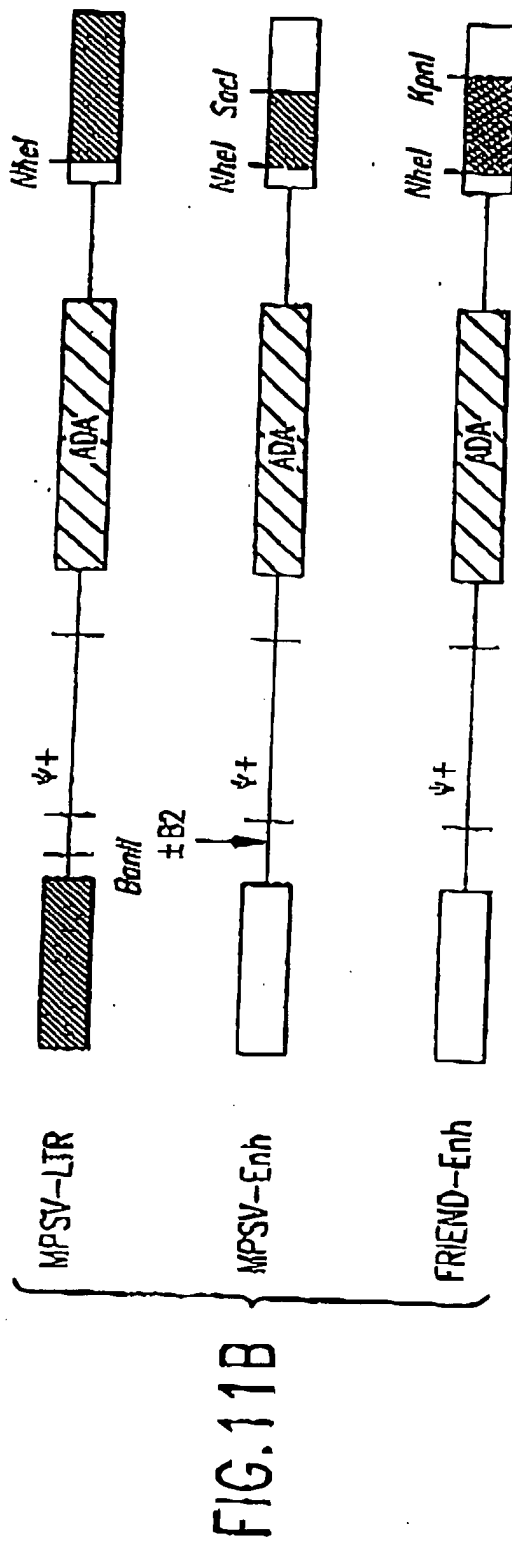
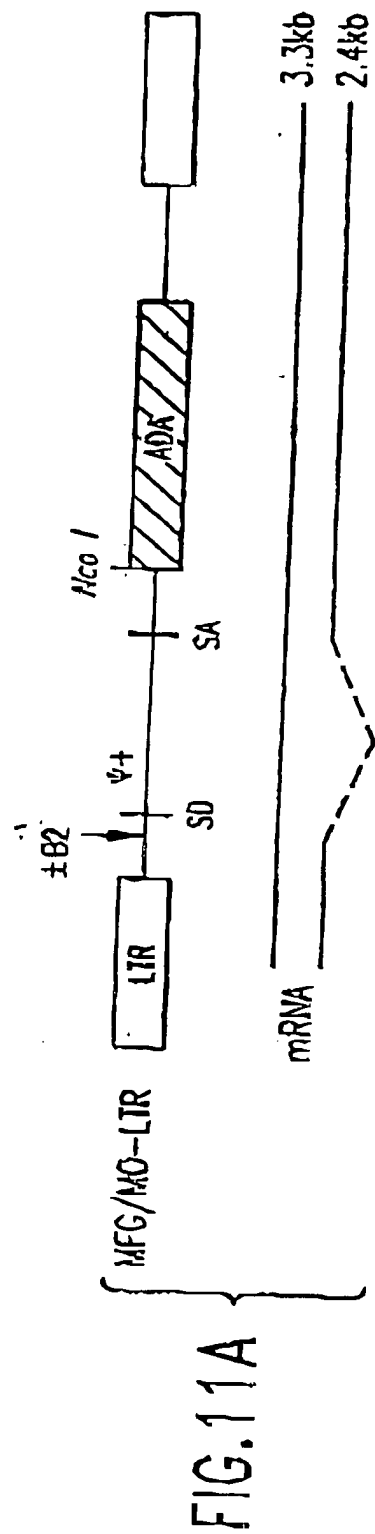


FIG. 15

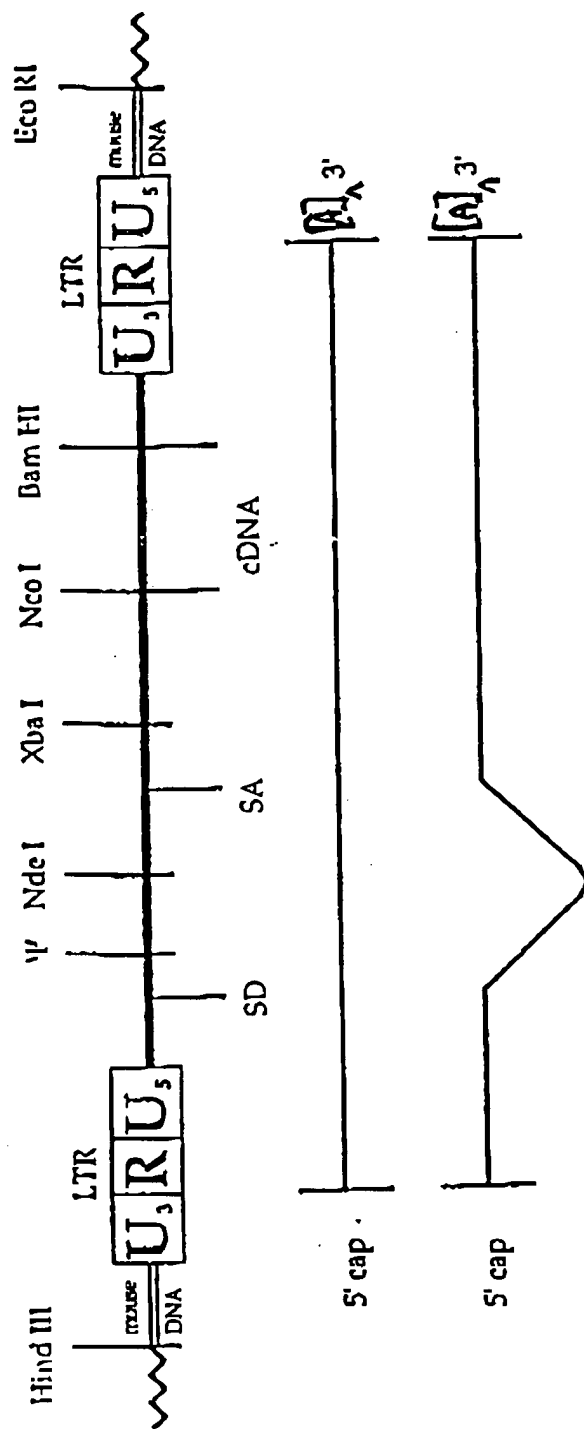


FIG. 17

1	AAGCTTTGCT	CTTAGGAGTT	TCCTAATACA	TCCCAAACCTC	AAATATATAA	AGCATTGAC
	TTCGAAACGA	GAATCCTCAA	AGGATTATGT	AGGGTTTGAG	TTTATATATT	TCGTAAACTG
61	TTGTTCTATG	CCCTAGGGGG	CGGGGGGAAG	CTAAGCCAGC	TTTTTTTAAC	ATTTAAAATG
	AACAAGATAC	GGGATCCCCC	GCCCCCTTC	GATTCGGTGC	AAAAAAATTG	TAAATTTTAC
121	TTAATTCCAT	TTTAAATGCA	CAGATGTTTT	TATTTTCATAA	GGGTTTCAAT	GTGCATGAAT
	AATTAAGGTA	AAATTTACGT	GTCTACAAAA	ATAAAGTATT	CCCAAAGTTA	CACGTACTTA
181	GCTGCAATAT	TCCTGTTACC	AAAGCTAGTA	TAAATAAAAA	TAGATAAACG	TGGAAATTAC
	CGACGTTATA	AGGACAATGG	TTTCGATCAT	ATTTATTTTT	ATCTATTTGC	ACCTTTAATG
241	TTAGAGTTTC	TGTCATTAAC	GTTTCCTTCC	TCAGTTGACA	ACATAAATGC	GCTGCTGAGC
	AATCTCAAAG	ACAGTAATTG	CAAAGGAAGG	AGTCAACTGT	TGTATTTACG	CGACGACTCG
301	AAGCCAGTTT	GCATCTGTCA	GGATCAATTT	CCCATTATGC	CAGTCATATT	AATTACTAGT
	TTCGGTCAAA	CGTAGACAGT	CCTAGTTAAA	GGGTAATACG	GTCAGTATAA	TTAATGATCA
361	CAATTAGTTG	ATTTTTATTT	TTGACATATA	CATGTGAATG	AAAGACCCCA	CCTGTAGGTT
	GTTAATCAAC	TAAAAATAAA	AACTGTATAT	GTACACTTAC	TTTCTGGGGT	GGACATCCAA
421	TGGCAAGCTA	GCTTAAGTAA	CGCCATTTTG	CAAGGCATGG	AAAAATACAT	AACTGAGAAT
	ACCGTTCGAT	CGAATTCATT	GCGGTAAAC	GTTCCGTACC	TTTTTATGTA	TTGACTCTTA
481	AGAAAAGTTC	AGATCAAGGT	CAGGAACAGA	TGGAACAGCT	GAATATGGGC	CAAACAGGAT
	TCTTTTCAAG	TCTAGTTCCA	GTCCTTGTCT	ACCTTGTCGA	CTTATACCCG	GTTTGTCTTA
541	ATCTGTGGTA	AGCAGTTCCT	GCCCCGGCTC	AGGGCCAAGA	ACAGATGGAA	CAGCTGAATA
	TAGACACCAT	TCGTCAAGGA	CGGGGCCGAG	TCCCGGTTCT	TGTCTACCTT	GTCGACTTAT
601	TGGGCCAAAC	AGGATATCTG	TGGTAAGCAG	TTCCTGCCCC	GGCTCAGGGC	CAAGAACAGA
	ACCCGGTTTG	TCCTATAGAC	ACCATTCGTC	AAGGACGGGG	CCGAGTCCCC	GTTCTTGTCT
661	TGGTCCCCAG	ATGCGGTCCA	GCCCTCAGCA	GTTTCTAGAG	AACCATCAGA	TGTTTCCAGG
	ACCAGGGGTC	TACGCCAGGT	CGGGAGTCGT	CAAAGATCTC	TTGGTAGTCT	ACAAAGGTCC
721	GTGCCCCAAG	GACCTGAAAT	GACCCTGTGC	CTTATTTGAA	CTAACCAATC	AGTTCGCTTC
	CACGGGGTTC	CTGGACTTTA	CTGGGACACG	GAATAAACTT	GATTGGTTAG	TCAAGCGAAG
781	TCGCTTCTGT	TCGCGCGCTT	CTGCTCCCCG	AGCTCAATAA	AAGAGCCAC	AACCCCTCAC
	AGCGAAGACA	AGCGCGCGAA	GACGAGGGGC	TCGAGTTATT	TTCTCGGGTG	TTGGGGAGTG
841	TCGGGGCGCC	AGTCCTCCGA	TTGACTGAGT	CGCCCCGGTA	CCCGTGTATC	CAATAAACCC
	AGCCCCGCGG	TCAGGAGGCT	AACTGACTCA	GCGGGCCCAT	GGGCACATAG	GTTATTTGGG
901	TCTTGCAGTT	GCATCCGACT	TGTGGTCTCG	CTGTTCTTGG	GGAGGGTCTC	CTCTGAGTGA
	AGAACGTCAA	CGTAGGCTGA	ACACCAGAGC	GACAAGGAAC	CCTCCCAGAG	GAGACTCACT
961	TTGACTACCC	GTCAGCGGGG	GTCTTTCATT	TGGGGGCTCG	TCCGGGATCG	GGAGACCCCT
	AACTGATGGG	CAGTCGCCCC	CAGAAAGTAA	ACCCCCGAGC	AGGCCCTAGC	CCTCTGGGGA
1021	GCCCAGGGAC	CACCGACCCA	CCACCGGGAG	GTAAGCTGGC	CAGCAACTTA	TCTGTGTCTG
	CGGGTCCCTG	GTGGCTGGGT	GGTGGCCCTC	CATTGACCG	GTCGTTGAAT	AGACACAGAC

2281	GCGCGGATCC CGCGCCTAGG	GGATTAGTCC CCTAATCAGG	AATTGTTAA TTAAACAATT	AGACAGGATA TCTGTCCTAT	TCAAGTGGTCC AGTCACCAGG	AGGCTCTAGT TCCGAGATCA
2341	TTTGACTCAA AAACTGAGTT	CAATATCACC GTTATAGTGG	AGCTGAAGCC TCGACTTCGG	TATAGAGTAC ATATCTCATG	GAGCCATAGA CTCGGTATCT	TAAAAATAAAA ATTTTATTTT
2401	GATTTTATTT CTAAAATAAA	AGTCTCCAGA TCAGAGGTCT	AAAAGGGGGG TTTTCCCCC	AATGAAAGAC TACTTTCTG	CCCACCTGTA GGGTGGACAT	GGTTTGGCAA CCAAACCGTT
2461	GCTAGCTTAA CGATCGAATT	GTAACGCCAT CATTCGCGTA	TTTGCAAGGC AAACGTTCCG	ATGGAAAAAT TACCTTTTTA	ACATAACTGA TGTATTGACT	GAATAGAGAA CTTATCTCTT
2521	G TTCAGATCA CAAGTCTAGT	AGGTCAGGAA TCCAGTCCTT	CAGATGGAAC GTCTACCTTG	AGCTGAATAT TCGACTTATA	GGGCCAAACA CCCGGTTTGT	GGATATCTGT CCTATAGACA
2581	GGTAAGCAGT CCATTCGTCA	TCCTGCCCCG AGGACGGGGC	GCTCAGGGCC CGAGTCCCCG	AAGAACAGAT TTCTTGTCTA	GGAACAGCTG CCTGTGCGAC	AATATGGGCC TTATACCCGG
2641	AAACAGGATA TTTGTCTAT	TCTGTGGTAA AGACACCATT	GCAGTTCCTG CGTCAAGGAC	CCCCGGCTCA GGGGCCGAGT	GGGCCAAGAA CCCGGTTCTT	CAGATGGTCC GTCTACCAGG
2701	CCAGATGCGG GGTCTACGCC	TCCAGCCCTC AGGTCGGGAG	AGCAGTTTCT TCGTCAAAGA	AGAGAACCAT TCTCTTGGTA	CAGATGTTTC GTCTACAAAG	CAGGGTGCCC GTCCCACGGG
2761	CAAGGACCTG GTTCTGAGC	AAATGACCCT TTTACTGGGA	GTGCCTTATT CACGGAATAA	TGAACTAACC ACTTGATTGG	AATCAGTTCG TTAGTCAAGC	CTTCTCGCTT GAAGAGCGAA
2821	CTGTTGCGGC GACAAGCGCG	GCTTCTGCTC CGAAGACGAG	CCCGAGCTCA GGGCTCGAGT	ATAAAAGAGC TATTTTCTCG	CCACAACCCC GGTGTGGGG	TCACTCGGGG AGTGAGCCCC
2881	CGCCAGTCCT GCGGTCAGGA	CCGATTGACT GGCTAACTGA	GAGTCGCCCC CTCAGCGGGC	GGTACCCGTG CCATGGGCAC	TATCCAATAA ATAGGTTATT	ACCCTCTTGC TGGGAGAACG
2941	AGTTGCATCC TCAACGTAGG	GACTTGTGGT CTGAACACCA	CTCGCTGTTT GAGCGACAAG	CTTGGGAGGG GAACCCCTCC	TCTCCTCTGA AGAGGAGACT	GTGATTGACT CACTAACTGA
3001	ACCCGTCAGC TGGGCAGTCG	GGGGGTCTTT CCCCCAGAAA	CACACATGCA GTGTGTACGT	GCATGTATCA CGTACATAGT	AAATTAATTT TTAATTAATA	GGTTTTTTTT CCAAAAAAA
3061	CTTAAGTATT GAATTCATAA	TACATTAAAT ATGTAATTTA	GGCCATAGTA CCGGTATCAT	CTTAAAGTTA GAATTTCAAT	CATTGGCTTC GTAACCGAAG	CTTGAAATAA GAACCTTATT
3121	ACATGGAGTA TGTACCTCAT	TTCAGAATGT AAGTCTTACA	GTCATAAATA CAGTATTTAT	TTTCTAATTT AAAGATTAAA	TAAGATAGTA ATTCTATCAT	TCTCCATTGG AGAGGTAACC
3181	CTTTCTACTT GAAAGATGAA	TTTCTTTTAT AAAGAAAATA	TTTTTTTTGT AAAAAAAACA	CCTCTGTCTT GGAGACAGAA	CCATTGTGTT GGTAAACAAC	TTGTTGTTGT AACAACAACA
3241	TTGTTTGTIT AACAAACAAA	GTTTGTGTTG CAAACAACCA	TGGTTGGTTA ACCAACCAAT	ATTTTTTTTT TAAAAAAA	AAAGATCCTA TTTCTAGGAT	CACTATAGTT GTGATATCAA
3301	CAAGCTAGAC GTTGATCTG	TATTAGCTAC ATAATCGATG	TCTGTAACCC AGACATTGGG	AGGGTGACCT TCCCACTGGA	TGAAGTCATG ACTTCAGTAC	GGTAGCCTGC CCATCGGACC
3361	TGTTTTAGCC ACAAAATCGG	TTCCACATC AAGGGTGTAG	TAAGATTACA ATTCTAATGT	GGTATGAGCT CCATACTCGA	ATCATTTTTG TAGTAAAAAC	GTATATTGAT CATATAACTA
3421	TGATTGATTG ACTAACTAAC	ATTGATGTGT TAACTACACA	GTGTGTGTGA CACACACACT	TTGTGTTTGT AACACAAACA	GTGTGTGANT CACACACTNA	GTGWANATGT CACWTNTACA

FIG. 17

1081	TCCGATTGTC AGGCTAACAG	TAGTGTCTAT ATCACAGATA	GACTGATTTT CTGACTAAAA	ATGCGCCTGE TACGCGGACG	GTCGGTACTA CAGCCATGAT	GTTAGCTAAC CAATCGATTG
1141	TAGCTCTGTA ATCGAGACAT	TCTGGCGGAC AGACCGCCTG	CCGTGGTGGA GGCACCACCT	ACTGACGAGT TGACTGCTCA	TCGGAACACC AGCCTTGTGG	CGGCCGCAAC GCCGGCGTTG
1201	CCTGGGAGAC GGACCCTCTG	GTCCCAGGGA CAGGGTCCCT	CTTCGGGGGC GAAGCCCCCG	CGTTTTTGTG GCAAAAACAC	GCCCGACCTG CGGGCTGGAC	AGTCCTAAAA TCAGGATTTT
1261	TCCCGATCGT AGGGCTAGCA	TTAGGACTCT AATCCTGAGA	TTGGTGACCC AACCACGTGG	CCCCTTAGAG GGGGAATCTC	GAGGGATATG CTCCCTATAC	TGGTTCTGGT ACCAAGACCA
1321	AGGAGACGAG TCCTCTGCTC	AACCTAAAAAC TTGGATTTTG	AGTTCCCGCC TCAAGGGCGG	TCCGTCTGAA AGGCAGACTT	TTTTTGCTTT AAAAACGAAA	CGGTTTGGGA GCCAAACCTT
1381	CCGAAGCCGC GGCTTCGGCG	GCCGCGCGTC CGGCGCGCAG	TTGTCTGCTG AACAGACGAC	CAGCATCGTT GTCGTAGCAA	CTGTGTTGTC GACACAACAG	TCTGTCTGAC AGACAGACTG
1441	TGTGTTTCTG ACACAAAGAC	TATTTGTCTG ATAAACAGAC	AAAATATGGG TTTTATACCC	CCCGGGCTAG GGGCCCGATC	ACTGTTACCA TGACAATGGT	CTCCCTTAAG GAGGGAATTC
1501	TTTGACCTTA AAACTGGAAT	GGTCACTGGA CCAGTGACCT	AAGATGTCGA TTCTACAGCT	GCGGATCGCT CGCCTAGCGA	CACAACCAGT GTGTTGGTCA	CGGTAGATGT GCCATCTACA
1561	CAAGAAGAGA GTTCTTCTCT	CGTTGGGTTA GCAACCCAAT	CCTTCTGCTC GGAAGACGAG	TGCAGAATGG ACGTCTTACC	CCAACCTTTA GGTTGGAAAT	ACGTCGGATG TGCAGCCTAC
1621	GCCGCGAGAC CGGCGCTCTG	GGCACCTTTA CCGTGGAAAT	ACCGAGACCT TGGCTCTGGA	CATCACCAG GTAGTGGGTC	GTAAAGATCA CAATTCTAGT	AGGTCTTTTC TCCAGAAAAG
1681	ACCTGGCCCG TGGACCGGGC	CATGGACACC GTACCTGTGG	CAGACCAGGT GTCTGGTCCA	CCCCTACATC GGGGATGTAG	GTGACCTGGG CACTGGACCC	AAGCCTTGGC TTCGGAACCG
1741	TTTTGACCCC AAAACCTGGG	CCTCCCTGGG GGAGGGACCC	TCAAGCCCTT AGPTCGGGAA	TGTACACCCT ACATGTGGGA	AAGCCTCCGC TTCGGAGGCG	CTCCTCTTCC GAGGAGAAGG
1801	TCCATCCGCC AGGTAGGCGG	CCGTCTCTCC GGCAGAGAGG	CCCTTGAACC GGGAACTTGG	TCCTCGTTCC AGGAGCAAGC	ACCCCGCCTC TGGGGCGGAG	GATCCTCCCT CTAGGAGGGA
1861	TTATCCAGCC AATAGGTCGG	CTCACTCCTT GAGTGAGGAA	CTCTAGGCGC GAGATCCGCG	CCCCATATGG GGGGTATACC	CCATATGAGA GGTATACTCT	TCTTATATGG AGAATATACC
1921	GGCACCCCGG CCGTGGGGGC	CCCCTTGTA GGGGAACATT	ACTTCCCTGA TGAAGGGACT	CCCTGACATG GGGACTGTAC	ACAAGAGTTA TGTTCTCAAT	CTAACAGCCC GATTGTCGGG
1981	CTCTCTCCAA GAGAGAGGTT	GCTCACTTAC CGAGTGAATG	AGGCTCTCTA TCCGAGAGAT	CTTAGTCCAG GAATCAGGTC	CACGAAGTCT GTGCTTCAGA	GGAGACCTCT CCTCTGGAGA
2041	GGCGGCAGCC CCGCCGTCGG	TACCAAGAAC ATGGTTCTTG	AACTGGACCG TTGACCTGGC	ACCGGTGGTA TGGCCACCAT	CCTCACCCCT GGAGTGGGAA	ACCGAGTCGG TGGCTCAGCC
2101	CGACACAGTG GCTGTGTCAC	TGGGTCCGCC ACCCAGGCGG	GACACCAGAC CTGTGGTCTG	TAAGAACCTA ATTCTTGGAT	GAACCTCGCT CTTGGAGCGA	GGAAAGGACC CCTTTCCTGG
2161	TTACACAGTC AATGTGTCAG	CTGCTGACCA GACGACTGGT	CCCCCACC GC GGGGGTGGCG	CCTCAAAGTA GGAGTTTCAT	GACGGCATCG CTGCCGTAGC	CAGCTTGGAT GTCGAACCTA
2221	ACACGCCGCC TGTGCGGGCG	CACGTGAAGG GTGCACTTCC	CTGCCGACCC GACGGCTGGG	CGGGGGTGG GCCCCACCT	CCATCCTCTA GGTAGGAGAT	GACTGCCATG CTGACGGTAC

FIG. 17

3481	GTGTATGGNT CACATACCNA	GTGTGTGAKT CACACACTMA	GTGTGTATGT CACACATACA	ATGNYTGTGT TACNRACACA	GTGANTGYGT CACTNACRCA	GTGTGTGANT CACACACTNA
3541	GTGCATGTGT CACGTACACA	GTGTGTGTGA CACACACACT	CTGTGTCTAT GACACAGATA	GTGTATGACT CACATACTGA	GTGTGTGTGT CACACACACA	GTGTGTGTGT CACACACACA
3601	GTGTGTGTGT CACACACACA	GTGTGTGTGT CACACACACA	GTGTGTTGTG CACACAACAC	AAAAAATATT TTTTTTATAA	CTATGGTAGT GATACCATCA	GAGAGCCAAC CTCTCGGTTG
3661	GCTCCGGCTC CGAGGCCGAG	AGGTGTCAGG TCCACAGTCC	TTGGTTTTTG AACCAGAAAC	AGACAGAGTC TCTGTCTCAG	TTTCACTTAG AAAGTGAATC	CTTGGAATTC GAACCTTAAG
3721	TTGAAGACGA AACTTCTGCT	AAGGGCCTCG TTCCCGGAGC	TGATACGCCT ACTATGCGGA	ATTTTTATAG TAAAAATATC	GTTAATGTCA CAATTACAGT	TGATAATAAT ACTATTATTA
3781	GGTTTCTTAG CCAAAGAATC	ACGTCAGGTG TGCAGTCCAC	GCACTTTTCG CGTGAAAAGC	GGGAAATGTG CCCTTTACAC	CGCGGAACCC GCGCCTTGGG	CTATTTGTTT GATAAACAAA
3841	ATTTTTCTAA TAAAAAGATT	ATACATTCAA TATGTAAGTT	ATATGTATCC TATACATAGG	GCTCATGAGA CGAGTACTCT	CAATAACCCT GTTATTGGGA	GATAAATGCT CTATTTACGA
3901	TCAATAATAT AGTTATTATA	TGAAAAAGGA ACTTTTTCTT	AGAGTATGAG TCTCATACTC	TATTCAACAT ATAAGTTGTA	TTCCGTGTCT AAGGCACAGC	CCCTTATTCC GGGAATAAGG
3961	CTTTTTTGCG GAAAAAACGC	GCATTTTGCC CGTAAAACGG	TTCCTGTTTT AAGGACAAAA	TGCTCACCCA ACGAGTGGGT	GAAACGCTGG CTTTGCGACC	TGAAAGTAAA ACTTTCATTT
4021	AGATGCTGAA TCTACGACTT	GATCAGTTGG CTAGTCAACC	GTGCACGAGT CACGTGCTCA	GGGTTACATC CCCAATGTAG	GAACCTGGATC CTTGACCTAG	TCAACAGCGG AGTTGTCGCC
4081	TAAGATCCTT ATTCTAGGAA	GAGAGTTTTT CTCTCAAAAG	GCCCCGAAGA CGGGGCTTCT	ACGTTTTCCA TGCAAAAGGT	ATGATGAGCA TACTACTCGT	CTTTTAAAGT GAAAATTTCA
4141	TCTGCTATGT AGACGATACA	GGCGCGGTAT CCGCGCCATA	TATCCCGTGT ATAGGGCACA	TGACGCCGGG ACTGCGGCC	CAAGAGCAAC GTTCTCGTTG	TCGGTCCGCC AGCCAGCGGC
4201	CATACACTAT GTATGTGATA	TCTCAGAATG AGAGTCTTAC	ACTTGGTTGA TGAACCAACT	GTAATCACCA CATGAGTGGT	GTCACAGAAA CAGTGTCTTT	AGCATCTTAC TCGTAGAATG
4261	GGATGGCATG CCTACCGTAC	ACAGTAAGAG TGTCATTCTC	AATTATGCAG TTAATACGTC	TGCTGCCATA ACGACGGTAT	ACCATGAGTG TGGTACTCAC	ATAACACTGC TATTGTGACG
4321	GGCCAACTTA CCGGTTGAAT	CTTCTGACAA GAAGACTGTT	CGATCGGAGG GCTAGCCTCC	ACCGAAGGAG TGGCTTCCTC	CTAACCGCTT GATTGGCGAA	TTTTGCACAA AAAACGTGTT
4381	CATGGGGGAT GTACCCCTTA	CATGTAACTC GTACATTGAG	GCCTTGATCG CGGAACCTAG	TTGGGAACCG AACCCTTGGC	GAGCTGAATG CTCGACTTAC	AAGCCATACC TTCGGTATGG
4441	AAACGACGAG TTTGCTGCTC	CGTGACACCA GCACTGTGGT	CGATGCCTGC GCTACGGACG	AGCAATGGCA TCGTTACCGT	ACAACGTTGC TGTTGCAACG	GCAAACCTATT CGTTTGATAA
4501	AACTGGCGAA TTGACCGCTT	CTACTTACTC GATGAATGAG	TAGCTTCCCG ATCGAAGGGC	GCAACAATTA CGTTGTAAAT	ATAGACTGGA TATCTGACCT	TGGAGGCGGA ACCTCCGCCT
4561	TAAAGTTGCA ATTTCAACGT	GGACCACTTC CCTGGTGAAG	TGCGCTCGGC ACGCGAGCCG	CCTTCCGGCT GGAAGGCCGA	GGCTGGTTTA CCGACCAAAT	TTGCTGATAA AACGACTATT
4621	ATCTGGAGCC TAGACCTCGG	GGTGAGCGTG CCACTCGCAC	GGTCTCGCGG CCAGAGCGCC	TATCATTGCA ATAGTAACGT	GCACTGGGGC CGTGACCCCG	CAGATGGTAA GTCTACCATT

FIG. 17

4681	GCCCTCCCGT CGGGAGGGCA	ATCGTAGTTA TAGCATCAAT	TCTACACGAC AGATGTGCTG	GGGGAGTCAG CCCCTCAGTC	GCAACTATGG CGTTGATACC	ATGAACGAAA TACTTGCTTT
4741	TAGACAGATC ATCTGTCTAG	GCTGAGATAG CGACTCTATC	GTGCCTCACT CACGGAGTGA	GATTAAGCAT CTAATTCGTA	TGGTAACTGT ACCATTGACA	CAGACCAAGT GTCTGGTTCA
4801	TTACTCATAT AATGAGTATA	ATACTTTAGA TATGAAATCT	TTGATTTAAA AACTAAATTT	ACTTCATTTT TGAAGTAAAA	TAATTTAAAA ATTAAATTTT	GGATCTAGGT CCTAGATCCA
4861	GAAATCCTT CTTCTAGGAA	TTTGATAATC AAACTATTAG	TCATGACCAA AGTACTGGTT	AATCCCTTAA TTAGGGAATT	CGTGAGTTTT GCACTCAAAA	CGTTCCACTG GCAAGGTGAC
4921	AGCGTCAGAC TCGCAGTCTG	CCCGTAGAAA GGGCATCTTT	AGATCAAAGG TCTAGTTTCC	ATCTTCTTGA TAGAAGAACT	GATCCTTTTT CTAGGAAAAA	TTCTGCGCGT AAGACGCGCA
4981	AATCTGCTGC TTAGACGACG	TTGCAAACAA AACGTTTGTT	AAAAACCACC TTTTTGGTGG	GCTACCAGCG CGATGGTCGC	GTGGTTTGTT CACCAAACAA	TGCCGGATCA ACGGCCTAGT
5041	AGAGCTACCA TCTCGATGGT	ACTCTTTTTC TGAGAAAAAG	CGAAGGTAAC GCTTCCATTG	TGGCTTCAGC ACCGAAGTCG	AGAGCGCAGA TCTCGCGTCT	TACCAAATAC ATGGTTTATG
5101	TGTCCTTCTA ACAGGAAGAT	GTGTAGCCGT CACATCGGCA	AGTTAGGCCA TCAATCCGGT	CCACTTCAAG GGTGAAGTTC	AACTCTGTAG TTGAGACATC	CACCGCCTAC GTGGCGGATG
5161	ATACCTCGCT TATGGAGCGA	CTGCTAATCC GACGATTAGG	TGTTACCAGT ACAATGGTCA	GGCTGCTGCC CCGACGACGG	AGTGGCGATA TCACCGCTAT	AGTCGTGTCT TCAGCACAGA
5221	TACCGGGTTG ATGGCCCAAC	GACTCAAGAC CTGAGTTCTG	GATAGTTACC CTATCAATGG	GGATAAGGCG CCTATTCCGC	CAGCGGTCCG GTCGCCAGCC	GCTGAACGGG CGACTTGCCC
5281	GGGTTCGTGC CCCAAGCACG	ACACAGCCCA TGTGTCGGGT	GCTTGAGGCG CGAACCTCGC	AACGACCTAC TTGCTGGATG	ACCGAACTGA TGGCTTGACT	GATACCTACA CTATGGATGT
5341	GCGTGAGCTA CGCACTCGAT	TGAGAAAGCG ACTCTTTCGC	CCACGCTTCC GGTGCGAAGG	CGAAGGGAGA GCTTCCCTCT	AAGGCGGACA TTCCGCCTGT	GGTATCCGGT CCATAGGCCA
5401	AAGCGGCAGG TTCGCCGTCC	GTCGGAACAG CAGCCTTGTC	GAGAGCGCAC CTCTCGCGTG	GAGGGAGCTT CTCCCTCGAA	CCAGGGGGAA GGTCCCCCTT	ACGCCTGGTA TGCGGACCAT
5461	TCTTTATAGT AGAAATATCA	CCTGTGCGGT GGACAGCCCA	TTCGCCACCT AAGCGGTGGA	CTGACTTGAG GACTGAACTC	CGTCGATTTT GCAGCTAAAA	TGTGATGCTC ACACTACGAG
5521	GTCAGGGGGG CAGTCCCCCC	CGGAGCCTAT GCCTCGGATA	GGAAAAACGC CCTTTTGTGG	CAGCAACGCG GTCGTTGCGC	GCCTTTTAC CGGAAAAATG	GGTTCCTGGC CCAAGGACCG
5581	CTTTTGCTGG GAAAACGACC	CCTTTTGCTC GGAAAACGAG	ACATGTTCTT TGTACAAGAA	TCCTGCGTTA AGGACGCAAT	TCCCCTGATT AGGGGACTAA	CTGTGGATAA GACACCTATT
5641	CCGTATTACC GGCATAATGG	GCCTTTGAGT CGGAAACTCA	GAGCTGATAC CTCGACTATG	CGCTCGCCGC GCGAGCGGCG	AGCCGAACGA TCGGCTTGCT	CCGAGCGCAG GGCTCGCGTC
5701	CGAGTCAGTG GCTCAGTCAC	AGCGAGGAAG TCGCTCCTTC	CGGAAGAGCG GCCTTCTCGC	CCTGATGCGG GGACTACGCC	TATTTTCTCC ATAAAAGAGG	TTACGCATCT AATGCGTAGA
5761	GTGCGGTATT CACGCCATAA	TCACACCGCA AGTGTGGCGT	TATGGTGCAC ATACCACGTG	TCTCAGTACA AGAGTCATGT	ATCTGCTCTG TAGACGAGAC	ATGCCGCATA TACGGCGTAT
5821	GTAAAGCCAG CAATTCGGTC	TATACACTCC ATATGTGAGG	GCTATCGCTA CGATAGCGAT	CGTGA CTGGG GCACTGACCC	TCATGGCTGC AGTACCGACG	GCCCCGACAC CGGGGCTGTG

FIG. 17

5881	CCGCCAACAC GGCGGTTGTG	CCGCTGACGC GGCGACTGCG	GCCCTGACGG CGGGACTGCC	GCTTGTCTGC CGAACAGACG	TCCCGGCATC AGGGCCGTAG	CGCTTACAGA GCGAATGTCT
5941	CAAGCTGTGA GTTTCGACACT	CCGTCTCCGG GGCAGAGGCC	GAGCTGCATG CTCGACGTAC	TGTCAGAGGT ACAGTCTCCA	TTTCACCGTC AAAGTGGCAG	ATCACCGAAA TAGTGGCTTT
6001	CGCGCGAGGC GCGCGCTCCG	AGCTGCGGTA TCGACGCCAT	AAGCTCATCA TTCGAGTAGT	GCGTGGTCGT CGCACCAGCA	GAAGCGATTC CTTCGCTAAG	ACAGATGTCT TGTCTACAGA
6061	GCCTGTTTAT CGGACAAGTA	CCGCGTCCAG GGCGCAGGTC	CTCGTTGAGT GAGCAACTCA	TTCTCCAGAA AAGAGGTCTT	GCGTTAATGT CGCAATTACA	CTGGCTTCTG GACCGAAGAC
6121	ATAAAGCGGG TATTTTCGCCC	CCATGTTAAG GGTACAATTC	GGCGGTTTTT CCGCCAAAAA	TCCTGTTTGG AGGACAAACC	TCACTTGATG AGTGAACACT	CCTCCGTGTA GGAGGCACAT
6181	AGGGGGAATT TCCCCCTTAA	TCTGTTTATG AGACAAGTAC	GGGGTAATGA CCCCATTACT	TACCGATGAA ATGGCTACTT	ACGAGAGAGG TGCTCTCTCC	ATGCTCACGA TACGAGTGCT
6241	TACGGGTTAC ATGCCCAATG	TGATGATGAA ACTACTACTT	CATGCCCGGT GTACGGGCCA	TACTGGAACG ATGACCTTGC	TTGTGAGGGT AACACTCCCA	AAACAACCTGG TTTGTGACC
6301	CGGTATGGAT GCCATACCTA	GCGGCGGGAC CGCCGCCCTG	CAGAGAAAAA GTCTCTTTTT	TCACTCAGGG AGTGAGTCCC	TCAATGCCAG AGTTACGGTC	CGCTTCGTTA GCGAAGCAAT
6361	ATACAGATGT TATGTCTACA	AGGTGTTCCA TCCACAAGGT	CAGGGTAGCC GTCCCATCGG	AGCAGCATCC TCGTCTGAGG	TGCGATGCAG ACGCTACGTC	ATCCGGAACA TAGGCCTTGT
6421	TAATGGTGCA ATTACCACGT	GGGCGCTGAC CCC GCGACTG	TTCCGCGTTT AAGGCGCAAA	CCAGACTTTA GGTCTGAAAT	CGAAACACGG GCTTTGTGCC	AAACCGAAGA TTTGGCTTCT
6481	CCATTCATGT GGTAAGTACA	TGTTGCTCAG ACAACGAGTC	GTCGCAGACG CAGCGTCTGC	TTTTGCAGCA AAAACGTCTG	GCAGTCGCTT CGTCAGCGAA	CACGTTCTGCT GTGCAAGCGA
6541	CGCGTATCGG GCGCATAGCC	TGATTCATTC ACTAAGTAAG	TGCTAACCAG ACGATTGGTC	TAAGGCAACC ATTCCGTGCG	CCGCCAGCCT GGCGGTCGGA	AGCCGGGTCC TCGGCCCAGG
6601	TCAACGACAG AGTTGCTGTC	GAGCACGATC CTCGTGCTAG	ATGCGCACCC TACGCGTGGG	GTGGCCAGGA CACCGGTCCT	CCCAACGCTG GGGTTGCGAC	CCCGAGATGC GGGCTCTACG
6661	GCCGCGTGCG CGGCGCACGC	GCTGCTGGAG CGACGACCTC	ATGGCGGACG TACCGCCTGC	CGATGGATAT GCTACCTATA	GTTCTGCCAA CAAGACGGTT	GGGTTGGTTT CCCAACCAAA
6721	GCGCATTAC CGCGTAAGTG	AGTTCTCCGC TCAAGAGGCG	AAGAATTGAT TTCTTAACTA	TGGCTCCAAT ACCGAGGTTA	TCTTGGAGTG AGAACCTCAC	GTGAATCCGT CACTTAGGCA
6781	TAGCGAGGTG ATCGCTCCAC	CCGCCGGCTT GGCGGCCGAA	CCATTCAGGT GGTAAGTCCA	CGAGGTGGCC GCTCCACCGG	CGGCTCCATG GCCGAGGTAC	CACCGCGACG GTGGCGCTGC
6841	CAACGCGGGG GTTGCGCCCC	AGGCAGACAA TCCGTCTGTT	GGTATAGGGC CCATATCCCG	GGCGCCTACA CCGCGGATGT	ATCCATGCCA TAGGTACGGT	ACCCGTTCCA TGGGCAAGGT
6901	TGTGCTCGCC ACACGAGCGG	GAGGCGGCAT CTCCGCCGTA	AAATCGCCGT TTAGCGGCA	GACGATCAGC CTGCTAGTCG	GGTCCAGTGA CCAGGTCACT	TCGAAGTTAG AGCTTCAATC
6961	GCTGGTAAGA CGACCATTCT	GCCGCGAGCG CGGCGCTCGC	ATCCCTGAAG TAGGAACTTC	CTGTCCCTGA GACAGGGACT	TGGTCGTCAT ACCAGCAGTA	CTACCTGCCT GATGGACGGA
7021	GGACAGCATG CCTGTCTGAC	GCCTGCAACG CGGACGTTGC	CGGGCATCCC GCCCCGTAGG	GATGCCGCCG CTACGGCGGC	GAAGCGAGAA CTTCGCTCTT	GAATCATAAT CTTAGTATTA

FIG. 17

7001	GGGGAAGGCC CCCCTTCCGG	ATCCAGCCTC TAGGTCGGAG	GCGTCGCGAA CGCAGCGCTT	CGCCAGCAAG GCGGTCGTTC	ACGTAGCCCA TGCATCGGGT	GCGCGTCGGC CGCGCAGCCG
7141	CGCCATGCCG GCGGTACGGC	GCGATAATGG CGCTATTACC	CCTGCTTCTC GGACGAAGAG	GCCGAAACGT CGGCTTTGCA	TTGGTGCGG AACCACCGCC	GACCAGTGAC CTGGTCACTG
7201	GAAGGCTTGA CTTCCGAAC	GCGAGGGCGT CGCTCCCGCA	GCAAGATTCC CGTTCTAAGG	GAATACCGCA CTTATGGCGT	AGCGACAGGC TCGCTGTCCG	CGATCATCGT GCTAGTAGCA
7261	CGCGCTCCAG GCGCGAGGTC	CGAAAGCGGT GCTTTCGCCA	CCTCGCCGAA GGAGCGGCTT	AATGACCCAG TTACTGGGTC	AGCGCTGCCG TCGCGACGGC	GCACCTGTCC CGTGGACAGG
7321	TACGAGTTGC ATGCTCAACG	ATGATAAAGA TACTATTTCT	AGACAGTCAT TCTGTCAAGT	AAGTGCGGCG TTCACGCCCG	ACGATAGTCA TGCTATCAGT	TGCCCCGCGC ACGGGGCGCG
7381	CCACCGGAAG GGTGGCCTTC	GAGCTGACTG CTCGACTGAC	GGTTGAAGGC CCAACCTCCG	TCTCAAGGGC AGAGTTCCCG	ATCGGTTCGAC TAGCCAGCTG	GCTCTCCCTT CGAGAGGGAA
7441	ATGCGACTCC TACGCTGAGG	TGCATTAGGA ACGTAATCCT	AGCAGCCCAG TCGTGGGGTC	TAGTAGGTTG ATCATCCAAC	AGGCCGTTGA TCCGGCAACT	GCACCGCCGC CGTGGCGGCG
7501	CGCAAGGAAT GCGTTCCTTA	GGTGCATGCA CCACGTACGT	AGGAGATGGC TCCTCTACCG	GCCCAACAGT CGGGTTGTCA	CCCCCGGCCA GGGGGCCGGT	CGGGGCCTGC GCCCCGGACG
7561	CACCATACCC GTGGTATGGG	ACGCCGAAAC TGCGGCTTTG	AAGCGCTCAT TTCGCGAGTA	GAGCCCGAAG CTCGGGCTTC	TGGCGAGCCC ACCGCTCGGG	GATCTTCCCC CTAGAAGGGG
7621	ATCGGTGATG TAGCCACTAC	TCGGCGATAT AGCCGCTATA	AGGCGCCAGC TCCGCGGTCC	AACCGCACCT TTGGCGTGGA	GTGGCGCCGG CACCGCGGCC	TGATGCCGGC ACTACGGCCG
7681	CACGATGCGT GTGCTACGCA	CCGGCGTAGA GGCCGCATCT	GCGCCACAGG CGCGGTGTCC	ACGGGTGTGG TGCCACACAC	TCGCCATGAT AGCGGTACTA	CGCGTAGTCG GCGCATCAGC
7741	ATAGTGGCTC TATCACCGAG	CAAGTAGCGA GTTTCATCGCT	AGCGAGCAGG TCGCTCGTCC	ACTGGGCGGC TGACCCGCCG	GGCCAAAGCG CCGGTTTCGC	GTCGGACAGT CAGCCTGTCA
7801	GCTCCGAGAA CGAGGCTCTT	CGGGTGCGCA GCCCCACGCGT	TAGAAATTGC ATCTTTAACG	ATCAACGCAT TAGTTGCGTA	ATAGCGCTAG TATCGCGATC	CAGCACGCCA GTCGTGCGGT
7861	TAGTGACTGG ATCACTGACC	CGATGCTGTC GCTACGACAG	GGAATGGACG CCTTACCTGC	ATATCCCGCA TATAGGGCGT	AGAGGCCCGG TCTCCGGGCC	CAGTACCGGC GTCATGGCCG
7921	ATAACCAAGC TATTGGTTCC	CTATGCCTAC GATACGGATG	AGCATCCAGG TCGTAGGTCC	GTGACGGTGC CACTGCCACG	CGAGGATGAC GCTCCTACTG	GATGAGCGCA CTACTCGCGT
7981	TTGTTAGATT AACAATCTAA	TCATACACGG AGTATGTGCC	TGCCTGACTG ACGGACTGAC	CGTTAGCAAT GCAATCGTTA	TTAACTGTGA AATTGACACT	TAAACTACCG ATTTGATGGC
1041	CATTA GTAAT					